## BETTER LIFEBOATS NEEDED TO SAVE VICTIMS OF U-BOATS

Importance of More Efficient Safeguards on Transatlantic Steamships Emphasized by Prospect That Troops Will Be Sent Abroad in Answer to France's Appeal

EN. PETAIN asks that our soldiers be sent to France at the carliest possible moment. And it seems that our Government is doing its utmest to rehabilitate the great German liners taken over here so that we may have suitable transports for the speedy movement of troops to Euope. The question is whether in this work for a stupendous service the responsible authorities are not overlooking some details of a vital nature? What is being done toward equipping these erstwhile liners with life saving apparatus that will really save life should any of the transports become the targets of submarines?

carriage of food to our allies the fact all stands out beyond denial that much should be done that has not heretofore been done in the way of providing better facilities for the escape of the peo-ple aboard. There is a twofold obligation which is becoming daily more insistent. The havor of the sub-marine is having its psychological effect upon sailormen and more and more difficulty is being experienced in obtaining crews at prices short of the prohibitive. The men are not cowards, but they are dismayed by the odds against them that so often do not give them even a fighting chance for life.

Many times of late crews have mutinied rather than make a return voyage across the Atlantic, and this is hardly to be wondered at. Therefore something must be done in the name of humanity the better to safeguard those in peril upon the sea, and next capable scafarer should be carefully served. This is brought still nearer to us, considered as a matter of naal defence, when we realize that each armed American merchantman now sailing through the submarine sone is carrying naval officers and enlisted men who have qualified for that work by special training. They should not be needlessly jeopardized, as their less cannot be quickly made good.

Again and again since Germany in-

of a chance to get away from their their nearby huts. from the United States under the swamped shortly after getting away them.

Stars and Stripes. A German U-boat from the Vacuum.

seemingly further uncanny evidence of played all of her lights for the pur-

commanded the navy gun crews pro- and disappeared below the waves. All vided for the Aztec before she steamed of these men were drowned. Ou case of his own lifeboat before a suc- clad, fought their way for nearly exhausted men. One of the until picked up by the Dutch trawle small boats was crushed against the Java. side of the Aztec in lowering, and the third boat, containing twenty-seven sunk in the course of the last few men, disappeared in the darkness and months without a cruel loss of life. In

keep she little craft from sinking; and seven of the original load of twentynear by the seas were running so high exposure. that certain destruction would have been invited had the men tried to bring the men that were rescued were ex the boat alongside. Though dreadfully posed in open lifeboats for fifty-four wearied, the men pulled away desperately at their oars until dawn and and again heavy seas broke over those the lessening of the gale. Then the frail craft, soaking the occupants trawler slipped between them and the through and through, and the cold wind and under that sheltering lee wind aggravated their sufferings. The they were able to scramble aboard. Vigilancia was stricken something like Relief came none too soon. On the 28th of April the oil carrying Isles.

steamship Vacuum, armed and having an American naval gun crew aboard. Hawalian steamship, was sunk off was torpedoed during heavy weather Cape Finisterre, Spain, on the 8th of trading craft of all sorts her U-boat were launched. One was swamped crew were landed upon the Spanish commanders have set the crews of unarmed ships adrift in the open sea and boat was capsized by a huge sea. Atlantic for fifteen days before being but fortunately some of the men held picked up off our shores by the U.S.S. of lives have been sacrificed in this on and were saved; and the third boat Seneca. The condition of the few surfashion, either by the boats capsizing managed to reach the coast despite the vivors was pitiable and during their in launching or swamping afterward fact that it was half full of water two weeks of simless navigation their amid angry waves, and even where most of the time. For thirty hours hardships must have been appalling these frail carriers have kept affoat the men in that open boat bailed con- Eleven of their fellows were buried in despite the sweep of the sea all too tinuously, and their ceaseless toil at that interval and for days all they had his often some or most of their occupants the oars was lightened a little by an to eat were the uppers of two pairs of urgonians.

marine. So far as the public knows the people aboard the tanker at the measure of security for the crews of fairly well drained without recourse that steamer was the first armed meritime she was struck. Most of these transatlantic vessels if those ships are to the usual exhausting means of ballchantman in the present war to sail perished when one of the lifeboats was to maintain the service expected of ing, and instead of the prepared foods

GLOBULAR LIFEBOAT RECENTLY INSTALLED UPON THE CAR-FERRY STEAMER ASHTABULA ON THE GREAT LAKES

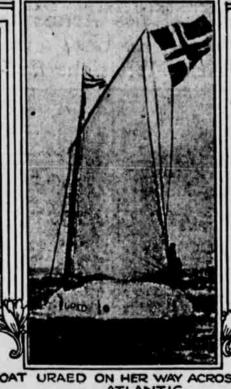
Again, if we find it more expedient the thoroughness with which Teuton pose of indicating she was unarmed. to use any of the enemy ships for the espionage follows the movements of Two boats got away from the ship, but a third one, containing nineteen Lieu', William Fuller Gresham, who was overturned when the ship beeled

from this side, has already graphically of a total crew of forty-one twenty described the sinking of the freighter lives were sacrificed by the sinking of and the struggle that followed in the Healdton. The survivors, thinly coring trawler came to the aid of the hours through driving hail and snow

Hardly a single steamship has been has never been heard from since. the case of the British steamship
For hours and hours Lieut. Gresham Artist, lost in January, a small boat and eighteen companions—most of containing sixteen men was picked up them scantily clad—battled through after being driven about by the wind the night and bailed incessantly to for three days and during that time finally when the friendly steamer hove three had succumbed to wounds and

> After the Vigilancia was torpedoed hours before help reached them. Time

> The Columbian, an American



LIFEBOAT URAED ON HER WAY ACROSS THE



RESCUE OF THE SURVIVORS OF THE STEAMSHIP COLUMBIAN . THEY HAD BEEN FIFTEEN DAYS ADRIFT IN AN OPEN BOAT AND ELEVEN OF THEIR SHIPMATES HAD DIED OF PRIVATION AND EXPOSURE

his distressing experience. He has Probably no country has suffered urged that all American steam vessels relatively more than Norway by the often some or most of their occupants in provised sail. Nearly numb with wet leather boots. These men were physical sail carry life and cold, the survivors were pulled cal wrecks when found and one of boats enough to accommodate every wegian sailors are now insisting upon The men on armed vessels have less ashore by fishermen and carried to their number lost both legs in conseone aboard and recommends that the amplified safeguards in order to reduce of a chance to get away from their stricken ships because the U-boat, for ber own security, must attack from boat were picked up by a patrolling the the tantalizing irony of the so-called safety in open boats upon the total through the the tantalizing must be done, and the Agree fell a victim to the sub-called safety in open boats upon the sea. Something must be done and so did twenty-odd of the rest of the Department of Commerce. His report also calls for hand pumps that the Agree fell a victim to the sub-called safety in open boats upon the sea. Something must be done promptly, to insure a reasonable will make it possible to keep lifeboats their lives in consequence.

Some of the men in the capsized that the the tantalizing irony of the sea. Something must be done promptly, to insure a reasonable will make it possible to keep lifeboats their lives in consequence. such as are now provided and which This has been emphasized by Lieut, induce thirst he suggests other com-

HARBOR, THE BOAT WAS ABLE TO CONTINUE TO BOSTON, WITHOUT REPAIRS, WHEN REFLOATED AT

things, that ships flying the national, with food for a week or more. Around

that can be counted upon to survive any condition of the sea or the sudden sinking of the vessel. In the case of rough. the Brude lifeboat, however, shelter is supplied which is well nigh universally missing in other emergency craft.

Lieut. Gresham has not mentioned the need of covered boats, but the records of the submarine's work show how sorely needed is this very element of protection. Men may withstand exposure to cold and wet saps the body's vitality at an amazingly rapid the Atlantic in her under sail, and crew as escaped in open boats per rate. And it will be recalled that upon without convoy of any description. He ished, while those in her one Re a great many occasions the crews, in had three companions to help him boat were saved. It is said that rate. And it will be recalled that upon abandoning their ships, have had to do while away that venturesome trip. The Balto, also Norwegian, carried " so half clad and at best nearly always first leg of that extraordinary voyage Brude lifeboats, and when she without the kind of clothing to keep was from Aelesund, Norway, to Shet-them dry and sufficiently warm. | land, and thence to St. John's, New-

on this side of the Atlantic, and one of Uraed encountered a number of severe the big car ferry steamers on the storms, and upon several occasions able and can float free from the great lakes, the Ashtabula, is sup- was obliged to lie hove-to by means of a foundering ship as easily as plied with that type. The man respon- of a sea anchor for days at a time. sible for this novel craft is a Norwe- Notwithstanding the severity of the regulation liferaft. Aboard some gian, Capt. Ole Brude, and his inspira- season, the four men aboard were snug tion was born of experience upon and comfortable inside of her, but many a storm driven sea. He knew would undoubtedly have perished in how hard and at times impossible it an open boat because of the low temwas to get the ordinary lifeboats over- perature prevailing on several board or to drop them into the water before they were smashed or capsized sailed; and under canvas, with a free leased and left to with their human load. His aim was to design a lifeboat that might fall knots an hour. Before leaving Norforty or fifty feet right into the water without injury either to itself or to from a height of nearly forty feet 150 persons, as compared with i that the sudden sinking of a vessel might make it impossible to launch the ventional lifeboat, and that if drawn into the vortex of the foundering craft short, he planned to produce a lifeboat upper shell, and there are two round hatchways by which passengers can dear of the ship that carried it and get in and out. Before lowering into that would be fairly indifferent to the the water, these hatches can be scaled

structure of steel-a gigantic metal could be lowered to make her a better have merit, and the purpose now is egg-built with a double bottom that sailor, and she was equipped so that The Norwegian Government is fully can be loaded with water ballast to she could be steered from either inside new regulations so that hereafter alive to the menace that threatens the insure stability and to enable the craft or out. Upon her long journey across of our transatiantic steamers at very existence of Norway's merchant to weather the most violent of storms, the Atlantic she carried a small oil have not only enough boars aboard marine, and it therefore should be no This ballast can in part be made up stove for cooking purposes. on guard somewhere off the coast of The American oiler Healdton was Gresham in an official report made to supply the sent to the bottom without warning on gale swept night last April 1. It was the 21st of March, although she dis-

HIGH TIDE . fing, trading within the war zone, shall the longitudinal middle of the boat is guard around the boat cutside is with carry besides the ordinary lifeboats a heavy wooden guard or fender, the guard around the boat cutside is with the lifeboats, or Donvigs buoys, or like of which no other lifeboat has, and solid built liferafts. The purpose of thus supplementing successfully a good many heavy blows the ordinary small boats is to furnish sgainst the side of a vessel. It is just capacity. the crews with life saving equipment this sort of pounding that smashes that can be counted upon to survive so many boats at the time of their launching, especially when the sea is

The Norwegians are a race of navi- the sort carried upon a goodly number gators, and they were too conservative of oceangoing vessels; but it is not at the start to accept Capt. Brude's proposed to improve upon the type h claims offhand. They frankly told him installing a small gasolene motor case that they had their doubts, and put it ble of driving the craft along at up to him to prove that he had evolved speed of five or six knots an hour and something that was better and really worth while. Accordingly, he built a wireless apparatus having an open. fourteen foot boat of his chosen type, tive range of twenty-five miles the winter season of 1904 he crossed Dronning Maud was sunk. The Brude lifeboat is not unknown foundland. During the voyage the

casions. The Uraed could be rowed or Or the cutting of jashings, can be wind, she made as much as seven when the ship rolls far enough ose inside of it. Again, he realized with people inside of her, in order that can be carried in two regulations to prove that it was practicable to do twenty-eight foot open lifeboats. so, and she bobbed up like a cork, while those within were none the worse for

that experience.

The Brude boat has a number deadlights or circular windows in her the shelter state of the weather and the condition from within, and the boat is then for of record, none of these rival inventor of the sea.

the time being as tight as a submarine. Therefore he designed a globular The Uraed had a centreboard which lar tests. However, many of them

Defects of Apparatus Now Used Illustrated by the Cases of Lieut Thomas and Others Who Lost Their Lives Through Exposure in Open Boats

off Gloucester she encountered a heavy owstorm and lost her bearings. She finally landed high on the rocks inside of the harbor of Gloucester at cob tile That concussion would have smaller a wooden craft, but the Uraed was it jured so slightly that she floated of a Boston without any to-do. From land to land. In crossing the Atlatic, the imtook eighty-seven days! At one time a storm lasted four days and during that period the Uraed was driven carward before the wind, a distance of nearly 300 miles, right back upon be course. Of that experience Capt Broad cause we had all we needed within the

The present day eighteen foot Bross boat has a maximum beam of eigh feet and a height of eight feet, and is officially rated for the accommodating of thirty people inside of her. The guard around the boat outside is wide enough to furnish standing room to

amounts to eighteen tons, with drink ing water and ballast in the down bottom. The boat just described is at Last year the Norwegian steams

sent to the bottom her entire per sheltered craft are well nigh unem boats are simply set in chocks between hoisted out and swung eve the water or, by the tripping of a lew

Considered as a lifeboat and lifers Brude lifebout stows in less space t provide added space for every one b

## STARLINGS THREATEN TO BECOME AS MUCH OF A NUISANCE AS

two hardy races of undestrable that balance is everywhere grossly disaliens, whose baneful activity has not

existence upon our oldest and most de- and prosper.

tribute upon his crops, and they render him no fair degree of compensating service. They disturb the pub-lic peace; one of them may be ething of a menace to the public Magna Charta, Bill of Rights or Decup arraigning them justly. But nothing much more can be done, except to teach the farmer and the suburbanite to defend themselves and their proper- destroy certain noxious insects, espeties as well as individuals may

familiar English sparrow and the star- himself mistakenly imported. ling, both natives of the Old World who should have been allowed to sfay there. Both were imported with the birds, which now under protection are best of motives. The vicious character of both was well known across the have come to do every service the water at the time, so that proper in-vestigation might have saved us. The a very old resident of New York to other like blunders we have learned mined down on the Sabbath finery of spough to pass laws which will keep gentlefolk crossing the parks, and sect pest whom any well meaning en- deniably did clean up, and New York thusiast may think to introduce.

man's control, are always dangerously failed.

recently he has not troubled by legis- sparrow in our good graces. Making people scatter crumbs for P. Domesti-lation to establish a just and a case for him is like making one for cus, who is perfectly capable of feed-

aliens, whose baneful activity has not received the attention it deserves. Of these two tribes one is with us aimost everywhere in overwhelming numbers. The second, from all indications, is certain to become as numerous.

Both have secured themselves in part by playing upon the feelings of the amiable uninformed. Systematically, with modern efficiency in beligher event combine, they levy as war for existence upon our oldest and most designed, with modern efficiency in beligher existence upon our oldest and most designed. The second from the received the attention it deserves. Of these two tribes one is with us aimost everywhere in overwhelming numbers, have adapted themselves to mail. Others have been exterminated on the serious harm he does is so this sumerous offspring in mail of the serious harm he does is so the starting and when-being and selective the follower—our land so definite.

Nero; the serious harm he does is so wided and so definite.

Nero; the serious harm he does is so wided and so definite.

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Nero; the serious harm he does is so wided and so the virging man, of the summerous offspring the public Peace and Driving National transport to the summerous of spring the public Peace and Driving National transports the public Peace and Driving Nati

The sparrow, first introduced in Besides this they victimize the hard ground the first introduced effectively about 1890, has and time to occasional sweet filings do vary his other report by all othe a rapid breeder and robust enough to tricks. health. In short, a complete, indignant where in the temperate zone, there is laration of Independence can be drawn in time, inherit our stretch of the world as the sparrow has done.

The sparrow was introduced for a specific purpose. He was expected to es as well as individuals may.

The allens in question are birds, the them native, others like the sparrow native kinds were nuisances in city parks and shaded city streets. Native common city dwellers, would probably one comfort is that from these and remember the days when caterpillars out any other furred, feathered or in- those caterpillars the sparrow un-

Civilized man is always the biggest cently imported from Europe." himself and his works over a major it seems to be agreed that the total the lawns and the pavements during part of North America. Until very will fall far short of establishing the the desolation of our winters. These

NERADICABLY fastened on the beneficent modus vivendi with his Both Are Firmly Established Here and Are Accused of Levying Tribute on habite which the sparrow displaces swallows and wrens." All these bird consistently. Not only are the natives are valuable destroyers of noise beautiful and engaging by far the beta small redence of process. the Farmer, Disturbing the Public Peace and Driving Native Birds Out

They are songbirds. Except in a techthis we ought to be free to do without than intelligent, which circumstance possibly follow to repeat. But they clude "grain, fruit, including grapes, in the hole, which however, keeps nical sense, the starling isn't, though the interference of our neighbors. Angives the sparrowphile a weapon for don't attack. serving American citizens in their The sparrow, first introduced in nical sense, the starting isn't, though the interference of our negative.

America about 1850, has had time to occasional sweet fifings do vary his other report by Mr. Forbush (Circular his cause.

scendants of a single pair would num- garly peck him to death. No one had

called English sparrow has profoundly disturbed the balance of bird life. The well marked for the foreign pest has swallow. None of the native species likes its company, and in winter, when juncos, and other native birds, it is necessary to feed many times as many

expropriation that the sparrow does enough to have done a great annual serious harm to the native bird. The damage. four kinds named by Ridgway are all house or hole nesters, of about the ence and nesting sites he is much sparrow's own size, and they are only more particular than the sparrow, ing native birds, it trouble four of possibly twenty species of such whereby his extension of territory is rectly by ousting the

beautiful and engaging, by far the bet- small rodents or insects. ter birds in every way, but their eco-

Mr. Forbush quotes Robert Ridgway rants, blackberries, peaches, apples, the hole to defend it against f the Smithsonian Institution, perhaps pears, plums, tomatoes, apricots and flicker, which, having temporarily etables, are scratched up when planted or caten on the stalk. There is scarcely lings, working together effect on native birds is exceedingly a garden fruit or vegetable which does ceed in driving the they or not suffer more or less from the atliterally crowded out or by its aggres- tacks of this bird. Buds and blossoms gin to build. The moment of numerous plants are destroyed by it.

"Its filthy habits, which injure buildings, vegetation and clothing, consti- another hole, either in the s. tute a minor annoyance." (Forbush.) It is also charged upon evidence not only with robbing the poulterer of his feed but with spreading epidemic diseases of poultry by carrying from run to run the vermin which transmit

The best one can say for the starling It is not, then, in murder, but in is that so far he is not numerous Two broods a year are his pecker also will serve at limit, and in his demands for subsistrestricted somewhat. He may be seen thereupon custs the suin the city-I have seen him perched the outlying districts. on a high wire far down Broadway, in prepared to say that the process " the canyon or skyscraper district-and adjustment going on he is the feathered feature of Central | Early in April a state Park, which happens to have been the conflict was in progress place of his successful introduction, windows. The caves of But it is in the country that he bids housed ten or twelve space fair to become a problem

A bigger and stronger bird than the nests with field straw sparrow, he wages successful war grasses. A pair of starling against native birds which the sparrow the stuff superior for the had never troubled. He, too, is a ing and with all the mashouse and hole nester, and he scorns lessness of a self-appoint to find a nesting place of his own if or a half baked Hole native birds of like habits are con- took what they was veniently at hand for him to oust, a time, efforts of the Mr. Forbush finds that he "comes di- to prevent them now rectly in competition with screech. It might have been owls, sparrow hawks, flickers and with casual daring reother woodpeckers, nuthatches, crested flycatchers, martins, bluebirds, tree

**SPARROWS** 

"The skilful manner in which

"In this or some other way to gives up variouished the start lest it no more, allowing it to or in one near by, when a se flicker is driven literally fr post until it has prepare homes for the starling-

borhood and all are satist "The principal surnur will be flicker in the future will be ration of nesting place lings. woodpecker and the red hi

for the interloper. Besides its direct dis-

The sparrows had walled

